



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBD412-729-041
Job Sheet 202323



Part No: RBD412-729-041

Job Qty: 1 pcs

Part Name: Ground Handling Wheels Fits LH or RH (Hydraulic)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/24/19

Job Tracking No:

Due Date: 12/16/19

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RBD3233-041 REV 2 , RBD3330-041 REV 2 , RBD412-729-011 REV 2 IPP Rev.A 17.07.03 New issue
DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	1 pcs	12/16/19		0.00	0.00	Purchasing - 1	X DEC 04 2019
							Purchasing - 2	
							Purchasing - 3	
120	Packaging 2-1 - Receive - B4B	1 pcs	12/16/19		0.00	0.00	Packaging 2 - 1 - B4B	X DEC 04 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S237180



Part: RBD412-729-041

Job No: 202323

Serial No/Batch: S237180

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 12/04/19

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					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
130	QC 6	1 pcs	12/16/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
					QC 6 - 81	
140	Packaging 3-1 - Stock - B4B	1 pcs	12/16/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	MLC
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
150	QC 21 - SA	1 pcs	12/16/19	0.00 0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	
Part Op 100 - (Purchasing) Issue P/O to Metec : <u>H6044890</u> Descriptions: 120 - (Receive & Inspect for Damage & Mat'l Certs) 130 - (QC6- All purchased or subcontracted products) 140 - (Identify as per dwg & Stock Location: _____) 150 - (QC21- Final Inspection - Work Order Release)						Machine as per dwg RBd412-729-041 C of 010 required GA TBD

x 1 hwy 24 Oct 2019

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
RBD412-729-041P	Ground Handling Wheels Fits LH or RH (Hydraulic)	1 pcs (1 ea)	100-Purchasing	3237179

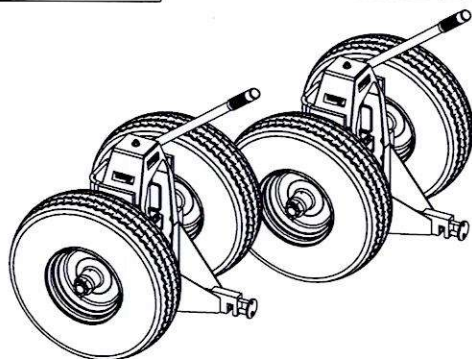
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBD412-729-041P	1	0	0

Part Specifications
Specifications could not be found.

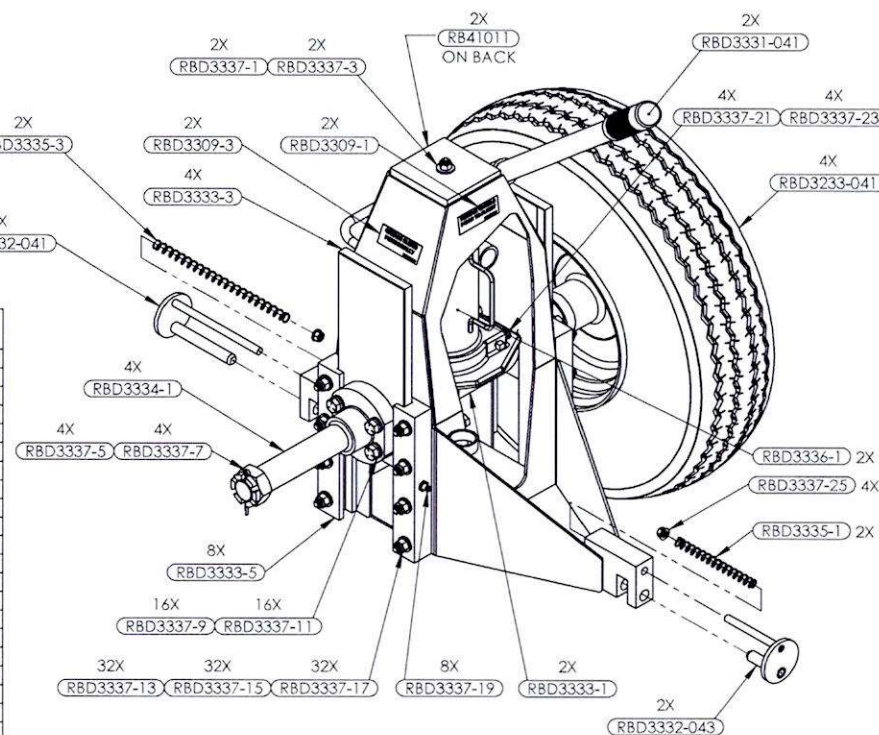
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SEE ATTACHED DEVIATION



		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-1 DIM CHD. WAS 21.000 IS 21.0. -5 CHD DO, WAS Ø.332 IS .344.	6/18/2014	RJC	GE
2	16-0039	UPDATED TO NEW DRAFTING STANDARDS. CHD DWG NUMBER WAS RBD412-729-11 IS RBD412-729-011. RBD3332-7 MOVED TO SEPARATE SHEET. RBD3332-9 MOVED TO SEPARATE SHEET. RBD3333-3 CHD DIM WAS .450 IS .460. WAS 1.200 IS 2X 1.200. RBD3333-5 CHD DIM WAS Ø.334 IS Ø.344. RBD3334-1 CHD DIM WAS 7.47 IS (7.47). RBD3334-3 CHD B/O WAS 1/4-20 X 01 IS 1/4-20 X 1. RBD3337-13 CHD DIM WAS 1-1/2 IS 1-3/4. RBD3309-3 MOVED TO SEPARATE SHEET. RBD3335-3 MOVED TO NEW SHEET. CHD PLACARD WAS R41029 IS R41011.	2/16/2016	SM	JAG



ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
					RBD3233-041	4	WHEEL ASSY			1
					RBD3330-041	2	FRAME WELDMENT			1
		X			RBD3331-041	2	HANDLE ASSY			2
			1		RBD3331-1	1	HANDLE	DGM		3
			1	B/O	RBD3331-3	1	DOWEL PIN	STEEL	Ø3/16 X 1 (MCMASTER-CARR # 98381A10)	2
			1	B/O	RBD3331-5	1	GRIP	VINYL	FITS 7/8 IN OD TUBING X 4-3/4 IN LONG (MCMASTER-CARR # 97045K491, BLACK)	2
		X			RBD3332-041	2	PIN ASSEMBLY			4
	1		1		RBD3332-1	1	HANDLE	1018/1020 CR		9
			1		RBD3332-3	1	PIN	1018/1020 CR		7
			1		RBD3332-5	1	SHAFT	1018/1020 CR		8
	X				RBD3332-043	2	PIN ASSEMBLY			5
		1			RBD3332-7	1	PIN	1018/1020 CR		9
		1			RBD3332-9	1	SHAFT	1018/1020 CR		10
					RBD3333-1	2	BASE PLATE	4140/4142		11
					RBD3333-3	4	SLIDING PLATE	4140/4142		12
					RBD3333-5	8	PALE	1018/1020 CR		13
					RBD3334-1	4	WHEEL SHAFT	4140/4142		14
					RBD3335-1	2	SPRING	STEEL	VICTORY SPRING # D3335 (MODIFIED)	15
					RBD3335-3	2	SPRING	STEEL	VICTORY SPRING # D3335 (MODIFIED)	16
	X				RBD3336-1	2	JACK ASSY	NORCO # 76508 (MODIFIED)		17
	1			B/O	RBD3336-3	1	STUD	STEEL	1/4-20 X 1 (MCMASTER-CARR # 98750A011)	17
				B/O	RBD3337-1	2	NYLOCK NUT	STEEL	1/4-20 (MCMASTER-CARR # 95615A120)	1
				B/O	RBD3337-3	2	WASHER	STEEL	1/4 (MCMASTER-CARR # 91081A129)	1
				B/O	RBD3337-5	4	SLOTTED NUT	STEEL	1-1/4 (MCMASTER-CARR # 95030A320)	1
				B/O	RBD3337-7	4	COTTER PIN	STEEL	Ø1/8 X 2 (MCMASTER-CARR # 98338A200)	1
				B/O	RBD3337-9	16	HEX HEAD CAP SCREW	STEEL	3/8-24 X 1-1/4 (MCMASTER-CARR # 92865A217)	1
				B/O	RBD3337-11	16	LOCK WASHER	STEEL	3/8 (MCMASTER-CARR # 91102A740)	1
				B/O	RBD3337-13	32	HEX HEAD CAP SCREW	STEEL	5/16-18 X 1-3/4 (MCMASTER-CARR # 91247A589)	1
				B/O	RBD3337-15	32	FLAT WASHER	STEEL	5/16 (MCMASTER-CARR # 90126A030)	1
				B/O	RBD3337-17	32	NYLOCK NUT	STEEL	5/16-18 (MCMASTER-CARR # 95615A160)	1
				B/O	RBD3337-19	8	GREASE FITTING	STEEL	1/8 NPT (MCMASTER-CARR # 1095K45)	1
				B/O	RBD3337-21	4	SOCKET HEAD CAP SCREW	STEEL	1/4-20 X 3/4 (MCMASTER-CARR # 91251A540)	1
				B/O	RBD3337-23	4	FLAT WASHER	STEEL	1/4 (MCMASTER-CARR # 91090A105)	1
				B/O	RBD3337-25	4	NYLOCK NUT	STEEL	5/16-24 (MCMASTER-CARR # 97135A225)	1
				B/O	RBD3309-1	2	LABEL, REMOVE BEFORE FLIGHT	SIGNS NOW		18
				B/O	RBD3309-3	2	LABEL, GREASE SLIDES	SIGNS NOW		19
				B/O		2	DART PLACARD	ALUMINUM	R41011	N/S
				B/O		1	CRATE		CRATE (Id) 44 X 24 X 24, ISPM-15 CERTIFIED (SPECIALTY CRATE)	N/S

NOTE:

- 1) APPLY RUST INHIBITOR ON ALL PARTS AND AREAS NOT PROTECTED BY PAINT OR GREASE. RUST INHIBITOR POSSIBLE SUPPLIER: ACKLANDS-GRANGER INC., P/N LPSC30316.
- 2) USED ON BELL MODELS 204, 205, 212, 214, 412, UH1, 222, 230, & AH1.

DART AEROSPACE	
TITLE GROUND HANDLING WHEELS	
DWG NO. RBD412-729-011	
REV 2	
MAT'L	UNLESS OTHERWISE SPECIFIED
TEXT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
	.XX ± .01 ANGLES ± 5°
	X ± .1 SURFACES ±125
SPEC.	1. BREAK ALL SHARP EDGES
	.015 X 45° OR .015R
DRAWN BY:	2. DIMENSIONAL LIMITS APPLY
CHECKED:	AFTER PLATING
OPPS APPR:	3. INTERPRET DIM AND TOL PER:
	ASME Y14.5M-2009
QA APPR:	USED ON MODEL
APPROVED:	GILBERT
	SEE NOTE 2
SCALE	1:5
DATE	3/15/2012
	SHEET 1 OF 19



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB044890**



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044890

PO Date: 10/24/19

Due Date: 12/16/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	202320	RBD412-729-041P	RBD412-729-011 Rev 2			Ground Handling Wheels Fits LH or RH (Hydraulic) As Per Dwg RBD412-729-011 Rev. 2	Firmed XI	-	12/16/19	1 Ea	0 Ea	1 Ea	\$1,600.00/Ea	\$1,600.00
											DEC 04 2019			RE
2	202323	RBD412-729-041P	RBD412-729-011 Rev 2			Ground Handling Wheels Fits LH or RH (Hydraulic) As Per Dwg RBD412-729-011 Rev. 2	Firmed XI	-	12/16/19	1 Ea	0 Ea	1 Ea	\$1,600.00/Ea	\$1,600.00
											DEC 04 2019			RE
Grand Total:													\$3,200.00	

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

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20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	P.O. Number
2	DART-RBD412-729-011P	Ground Handling Wheel, dwg # RBD412-729-011 R.2		HB044890

MATERIAL: supplied by METEC

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Eric Dewar

Vankleek Hill, November 28, 2019

DAS
40
9-89



www.mefec.ca | 20 Terry Fox Drive, Vankleek Hill, Ontario, Canada K0B 1R0 | Phone: +1 613-678-3957 Fax: +1 613-678-3956

Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Shipment No: 26233
Shipment Date: 28-Nov-2019
Ship Via: Pick up at METEC
Order Number: 4340
Order Date: 10/24/2019

Customer Code: DART
Phone: (613) 632-9577
PO Number: POHB044890
Terms: Net 60 Days

----- Quantity -----									
<u>Item</u>	<u>Open</u>	<u>Shipped</u>	<u>B/O</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>	
1	1	1	0	0	EA	DART-RBD412-729-011P Ground Handling Wheel, dwg # RBD412-729-011 R.2(p# not dwg#	2	4340-01	
2	1	1	0	0	EA	DART-RBD412-729-011P Ground Handling Wheel, dwg # RBD412-729-011 R.2(p# not dwg#	2	4340-02	

RECEIVED

DEC 04 2019

DART AEROSPACE LTD.

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Packing Clerk's Signature
Metec Metal Technology Inc

Received In Good Order By
Dart Aerospace Ltd.